ELSEVIER Journal of Computational and Applied Mathematics 103 (1999) 337–338

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS

Author Index Volume 103 (1999)

Bahadir, A.R., see **Kutluay, S.** 251–261
Bailey, C., G.A. Taylor and **M. Cross,** Discretisation procedures for multi-physics phenomena 3– 17
Barrera-Sánchez, P., see **Tinoco-Ruiz, J.G.** 19– 32
Bastian-Walther, M. and **J.W. Schmidt,** Range restricted interpolation using Gregory's rational cubic splines 221–237
Benkhaldoun, F., see **Elmahi, I.** 187–205
Bertolazzi, E., see **Trivellato, F.** 175–185
Boaventura, M., see **Cuminato, J.A.** 77– 92
Bravo, E., J.R. Claeyssen and **R.B. Platte,** A direct one-step pressure actualization for incompressible flow with pressure Neumann condition 43– 53

Calvetti, D., G.H. Golub, and **L. Reichel,** A computable error bound for matrix functionals 301–306
Casillo, J., see **Pereyra, V.** 1– 2
Castillo, J.E., see **Torres, C.R.** 67– 76
Chen-Charpentier, B., Numerical simulation of biofilm growth in porous media 55– 66
Chengming, H., L. Shoufu, F. Hongyuan and **C. Guangnan,** Stability and error analysis of one-leg methods for nonlinear delay differential equations 263–279
Claeyssen, J.R., see **Bravo, E.** 43– 53
Cross, M., see **Bailey, C.** 3– 17
Cuminato, J.A., A.C. Filho, M. Boaventura and **M.F. Tomé,** Simulation of free surface flows in a distributed memory environment 77– 92
Cvetković, L., A note on the convergence of the MAOR method 281–285

de Azevedo, C.A., see **Potapenko, I.F.** 115–123
De Bortoli, A.L., Three dimensional supersonic flow analysis over a satellite vehicle launcher 33– 41
de Campos Velho, H.F., see **Muniz, W.B.** 145–163
De Meyer, H., see **Van Hecke, T.** 297–300

Elmahi, I., F. Benkhaldoun, R. Vilsmeier, O. Gloth, A. Patschull and **D. Hänel,** Finite volume simulation of a droplet flame ignition on unstructured meshes 187–205
Espinoza, P.C., Discrete analogue of Fučik spectrum of the Laplacian 93– 97

Filho, A.C., see **Cuminato, J.A.** 77– 92
Firmani, B., see **Trivellato, F.** 175–185

Gloth, O., see **Elmahi, I.** 187–205
Golub, G.H., see **Calvetti, D.** 301–306
Guangnan, C., see **Chengming, H.** 263–279

Ham, Y., Internal layer oscillations in FitzHugh–Nagumo equation 287–295
Hanazaki, H., see **Torres, C.R.** 67– 76
Hänel, D., see **Elmahi, I.** 187–205
Hongyuan, F., see **Chengming, H.** 263–279

Krejić, N. and **J.M. Martínez,** Inexact-Newton methods for semismooth systems of equations with block-angular structure 239–249
Kutluay, S., A.R. Bahadir and **A. Özdeş,** Numerical solution of one-dimensional Burgers equation: explicit and exact-explicit finite difference methods 251–261

Lén, N.L.E., Convergence of approximate solutions of the Cauchy problem for a 2×2 nonstrictly hyperbolic system of conservation laws 139–144
Letessier, J., Some results on co-recursive associated Meixner and Charlier polynomials 323–335
Luong, P., see **Ly, L.N.** 125–137
Ly, L.N. and **P. Luong,** Numerical grids used in a coastal ocean model with breaking wave effects 125–137

Martínez, J.M., see **Krejić, N.** 239–249
Muniz, W.B., H.F. de Campos Velho and **F.M. Ramos,** A comparison of some inverse methods for estimating the initial condition of the heat equation 145–163

Ochoa, J., see **Torres, C.R.** 67– 76
Özdeş, A., see **Kutluay, S.** 251–261

Patschull, A., see **Elmahi, I.** 187–205
Pereyra, V. and **J. Casillo,** Preface 1– 2
Platte, R.B., see **Bravo, E.** 43– 53
Potapenko, I.F. and **C.A. de Azevedo,** The completely conservative difference schemes for the nonlinear Landau–Fokker–Planck equation 115–123

Elsevier Science B.V.

Ramos, F.M., see **Muniz, W.B.** 145–163
Reichel, L., see **Calvetti, D.** 301–306
Santos, F.C.G., A posteriori estimators for nonlinear elliptic partial differential equations 99–114

Scherer, G., On the numerical modelling of the transitional flow in rarefied gases 165–173
Schmidt, J.W., see **Bastian-Walther, M.** 221–237
Shoufu, L., see **Chengming, H.** 263–279

Taylor, G.A., see **Bailey, C.** 3– 17
Tinoco-Ruiz, J.G. and **P. Barrera-Sánchez,** Area control in generating smooth and convex grids over general plane regions 19– 32
Tomé, M.F., see **Cuminato, J.A.** 77– 92
Torres, C.R., J. Ochoa, J.E. Castillo and **H. Hanazaki,** Numerical simulation of flow past a sphere in vertical motion within a stratified fluid 67– 76
Trivellato, F., E. Bertolazzi and **B. Firmani,** Finite volume modelling of free surface draining vortices 175–185

Van Daele, M., see **Van Hecke, T.** 297–300
Van Hecke, T., G. Vanden Berghe, M. Van Daele and **H. De Meyer,** Comment on: a two-stage fourth-order "almost" *P*-stable method for oscillatory problems 297–300
Vanden Berghe, G., see **Van Hecke, T.** 297–300
Vilsmeier, R., see **Elmahi, I.** 187–205

Xu, J.-J., Convergence of partially asynchronous block quasi-Newton methods for nonlinear systems of equations 307–321

Zingano, P.R., Nonlinear L^2-stability under large disturbances 207–219